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Response Under 37 CFR 1.116
Expedited Procedure
Examining Group 3749

Remarks

Applicant expresses gratitude that the Examiner spent the time to discuss this Amendment After Final Action on more than one occasion, offering suggestions and feedback to the proposed response.

Drawings

The Examiner notes that in connection with claim 8 the drawings must show a heating device and a combustion chamber.

Applicant respectfully notes that Figures 5 and 7 show a combustion chamber 18 rolled in a cylindrical ring. See [0024]. The heating device is shown by the flame direction "F" in Figure 5 and 7 see [0021]. Thus, both the heating device (in the form of the flame) and a combustion chamber are shown in the drawings.

Applicant respectfully believes that, given this explanation, no corrected drawings are required.

Claims

Claim 1 has been amended to positively recite the lining member 10; 18 provided on the inner wall of the combustion chamber.

In discussion and the Office Action, the Examiner stated that this response must further distinguish between the combustion chamber of the present application and the pipe of Steiner. Applicant respectfully reiterates the arguments set forth in the last Amendment, as follows:

Claim Rejections under 35 USC 102(b)

Claims 1 and 3-8 stand rejected as being anticipated by Steiner.

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Valid rejection under 35 USC 102 requires that each feature of a rejected claim be disclosed in a single reference. "For anticipation under 35 USC 102, the reference must teach every aspect of the claimed invention either explicitly or impliedly. Any feature not directly taught must be inherently present." MPEP 706.02(a)

Steiner does not disclose each feature of the rejected claims. Steiner does not positively recite both the lining as well as the combustion chamber.

In numbered paragraph 4 of the Office Action, the Examiner suggests that Steiner's connecting pipe 1 may be considered to be a combustion chamber. However, within Steiner's connecting pipe 1 there is not a flame, and therefore the pipe cannot be considered a combustion chamber.

In order to overcome the prior art rejection the claims are amended in the set of claims submitted herewith.

The heater disclosed by Steiner has a sieve element 6 installed in the interior 3 of a connecting pipe 1, which adjoins a combustion chamber 2. The sieve element 6 projects out toward the combustion chamber 2 and is formed in the embodiments of Figs. 1, 2, 4, 5 and 6 such that it protrudes beyond a mouth opening of the connecting pipe 1 and projects into the combustion chamber 2 (see Steiner, col. 5, lines 49-55).

Therefore, the sieve element 6 of Steiner cannot be regarded as "a lining member to be provided on the inner wall of the combustion chamber".

According to Steiner, the flow direction of the fuel which is sucked up by the sieve element 6 (at the region 11 provided with the projection 12) and transported in the direction of the combustion chamber 2 (see Steiner, col. 4, lines 43-52) is determined by the sieve element's projection toward the combustion chamber 2. The sieve element 6

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does not and need not have "*at least one region of increased flow resistance influencing a flow direction of a fuel*".

The spacing or gap 8 formed between the connecting pipe inner wall 7 and the sieve element 6 is annular, i.e. circumferentially surrounding the sieve element 6.

Therefore, the spacing 8, although it may influence the fuel flow rate/volume, does not influence the fuel flow direction from region 11 towards combustion chamber 2.

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A three-month extension of time in which to respond to the outstanding Office Action is hereby requested. PTO-2038 is enclosed authorizing credit card payment in the amount of \$1,020 is enclosed for the prescribed Large Entity three-month extension fee and RCE fee of \$790, for a total of \$1,810. If any further fees are due, please charge deposit account 11-0665 for any additional fees due. A duplicate page is included herewith should any additional fees be due.

Wherefore further consideration and allowance of the application as amended is respectfully requested.

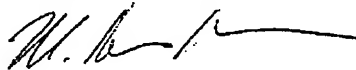
Respectfully submitted,



M. Robert Kestenbaum
Reg. No. 20,430
11011 Bermuda Dunes NE
Albuquerque, NM USA 87111
Telephone (505) 323-0771
Facsimile (505) 323-0865

CERTIFICATE OF SUBMISSION BY FACSIMILE TRANSMISSION

I hereby certify under 37 CFR §1.8 that this correspondence is being submitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by facsimile transmission on January 11, 2006, fax number (571) 273 8300.



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